



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: )  
HOBBS, Steven E. et al. )  
Title: **HIGH THROUGHPUT SYSTEMS** ) Group Art Unit: [not yet assigned]  
**AND METHODS FOR PARALLEL** ) Examiner: [not yet assigned]  
**SAMPLE ANALYSIS** )  
Serial Number: 10/736,154 ) Attorney Docket: 133-US  
Filed: December 13, 2003 )

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**SUPPLEMENTAL IDS TRANSMITTAL**

Mail Stop Non-Fee Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents for the above-identified application:

- Transmittal Letter (1 page)
- Information Disclosure Statement (1 page)
- Form PTO-1449 (4 pages)
- Non-U.S. Cited References (44 documents)
- Return Postcard

Applicants have not yet received a first office action on the merits in the above-referenced application, and therefore Applicants believe that no fee is due pursuant to 37 CFR § 1.97(b). If Applicants' belief is incorrect, please charge any necessary fees to our deposit account number 502454.

Respectfully submitted,

Dated: January 7, 2004

Vincent K. Gustafson  
Reg. No. 46,182

**USPTO Customer No.: 32763**

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**CERTIFICATE OF MAILING**  
(37 C.F.R. § 1.8)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient first class postage in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 7, 2004

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INFORMATION DISCLOSURE STATEMENT

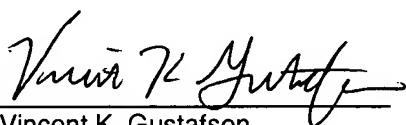
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies of only the "Foreign Patent Documents" and "Other Documents" are enclosed for the convenience of the Examiner. Copies of the "U.S. Patent Documents" are not enclosed pursuant to the notice dated July 11, 2003 from the Office of Patent Legal Administration (appearing on the "News & Notices" section of the USPTO website) waiving the requirement to supply such citations in applications filed after June 30, 2003. If, however, the Examiner would find it helpful to have the U.S. citations, Applicants will supply them at the request of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicants is not to be construed that any such patent, publication, or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicants as such.

Respectfully submitted,

  
Vincent K. Gustafson  
Reg. No. 46,182

Dated: January 7, 2004

USPTO Customer No.: 32763

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S  
INFORMATION DISCLOSURE STATEMENTAPPLICANT:  
HOBBS, Steven E. et al.FILING DATE:  
December 13, 2003      GROUP:  
[not yet assigned]

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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	TRADEMARK OFFICE DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
A1	2003/0200794 A1	10/30/2003	Paul	73	54.05	4/28/2003
A2	6,614,030 B2	9/2/2003	Maher et al.	250	458.1	5/15/2002
A3	6,613,581 B1	9/2/2003	Wada et al.	436	518	8/17/2000
A4	2003/0162304 A1	8/28/2003	Dority et al.	436	180	2/25/2002
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A6	2003/0089846 A1	5/15/2003	Cooks et al.	250	281	5/25/2000
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## LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

1 P (Use several sheets if necessary)

APPLICANT: HOBBS, Steven E. et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A24	6,066,848	5/23/2000	Kassel et al.	250	288	11/3/1998
	A25	6,012,488	1/11/2000	Nichols	137	625.11	9/17/1998
	A26	5,917,184	6/29/1999	Carson et al.	250	288	2/7/1997
	A27	5,872,010	2/16/1999	Karger et al.	436	173	7/3/1996
	A28	5,071,547	12/10/1991	Cazer et al.	210	198.2	3/23/1990
	A29	4,840,074	6/30/1989	Jessop	73	864.81	3/31/1988
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION? YES NO
	B1	WO 02/30486 A2	4/18/2002	WIPO	Manager et al.	
	B2	EP 1 106 244 A2	6/13/2001	EPC	Bergh et al.	
	B3	WO 01/38865 A1	5/31/2001	WIPO	Harrison et al.	
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	B5	WO 98/35376	8/13/1998	WIPO	Tai et al.	
	B6	WO 98/09315	3/5/1998	WIPO	Hewlett-Packard Company	

EXAMINER INITIALS	NON PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	C1	"Multi-Parallel-HPLC," Web document published at: <a href="http://www.sepiatec.com/download/phplc.pdf">http://www.sepiatec.com/download/phplc.pdf</a> , SEPIAtec GmbH, Louis-Blériot-Strasse 5 D-12487 Berlin Germany.
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	C3	Wachs, Timothy et al., <i>Electrospray Device for Coupling Microscale Separations and Other Miniaturized Devices with Electrospray Mass Spectrometry</i> , "Analytical Chemistry," Vol. 73, No. 3, February 1, 2001, pp. 632-638
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## O LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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PATENT EXAMINER'S INITIALS	C	Xue, Qifeng et al., <i>Multichannel Microchip Electrospray Mass Spectrometry</i> , "Analytical Chemistry," Vol. 69, No. 3, February 1, 1997, pp. 426-430
	C6	Wagner, Knut et al., <i>An Automated On-Line Multidimensional HPLC System for Protein and Peptide Mapping with Integrated Sample Preparation</i> , "Analytical Chemistry," Vol. 74, No. 4, February 15, 2002, pp. 809-820
	C7	Xu, Rongda et al., <i>Application of Parallel Liquid Chromatography/Mass Spectrometry for High Throughput Microsomal Stability Screening of Compound Libraries</i> , "Journal of the American Society for Mass Spectrometry," 2002, 13, 155-165
	C8	Van Pelt, Colleen K. et al., <i>A Four-Column Parallel Chromatography System for Isocratic or Gradient LC/MS Analyses</i> , "Analytical Chemistry," Vol. 73, No. 3, February 1, 2001, pp. 582-588
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	C22	Kim, Young Chan et al., "Rapid Sample Cleanup Microchip for Protein Analysis by Electrospray Ionization Mass Spectrometry," <i>Micro Total Analysis Systems</i> , J.M. Ramsey and A. van den Berg (eds.), 2001, Kluwer Academic Publishers, the Netherlands, pp. 123-124
	C23	Lazar, Iulia M. et al., "Microchip Integrated Analysis System for Electrospray Mass Spectrometric Analysis of Complex Peptide Mixtures," <i>Micro Total Analysis Systems</i> , J.M. Ramsey and A. van den Berg, (eds.), 2001, Kluwer Academic Publishers, the Netherlands, pp. 219-221
	C24	Killeen, Kevin et al., "Chip-MS: A Polymeric Microfluidic Device with Integrated Mass-Spectrometer Interface," <i>Micro Total Analysis Systems</i> , J.M. Ramsey and A. van den Berg (eds.), 2001, Kluwer Academic Publishers, the Netherlands, pp. 331-332

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EXAMINER INITIALS	NON PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
C26	Svedberg, Malin et al., "Electrospray from a Plastic Chip," <i>Micro Total Analysis Systems</i> , J.M. Ramsey and A. van den Berg (eds.), 2001, Kluwer Academic Publishers, the Netherlands, pp. 335-336	
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C33	Moore, Roger E. et al., <i>A Microscale Electrospray Interface Incorporating a Monolithic, Poly(styrene-divinylbenzene) Support for On-Line Liquid Chromatography/Tandem Mass Spectrometry Analysis of Peptides and Proteins</i> , "Analytical Chemistry," Vol. 70, No. 23, December 1, 1998, pp. 4879-4884	
C34	Little, David et al., "A Parallel LC-MS/MS System for High Throughput Quantification in Drug Discovery," Micromass Application Note 248, May 2000	
C35	Dunn, John A. et al., "A Parallel LC/MS/MS System for the High Throughput Quantification of Clinical Trial Samples. A Validation Study," Waters/Micromass Application Note, October 2002	
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C38	Manz, Andreas et al., <i>Miniaturization of Separation Techniques Using Planar Chip Technology</i> , "Journal of High Resolution Chromatography," Vol. 16, July 1993	

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